

Docket No.  
FIS9-2001-0274

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### ALTERNATING PHASE SHIFT MASK DESIGN WITH OPTIMIZED PHASE SHAPES

the specification of which

(check one)

is attached hereto.

was filed on \_\_\_\_\_ as United States Application No. or PCT International Application Number \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

#### Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

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(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Joseph P. Abate, Registration No. 30,328;  
 Jay H. Anderson, Registration No. 38,371;  
 Ira D. Blecker, Registration No. 29,894;  
 Steven Capella, Registration No. 33,086;  
 Susan M. Murray, Registration No. 38,252;  
 Daryl K. Neff, Registration No. 38,253;  
 Eric W. Petraske, Registration No. 28,459;  
 William P. Skladony, Registration No. 33,787;  
 H. Daniel Schnurmann, Registration No. 35,791;  
 Tiffany L. Townsend, Registration No. 43,199;  
 Margaret A. Pepper, Registration No. 45,008

Jesse L. Abzug, Registration No. 31,316  
 Eugene I. Shkurko, Registration No. 36,678  
 Harold Huberfeld, Registration No. 26,665  
 Todd M. C. Li, Registration No. 45,554  
 all of INTERNATIONAL BUSINESS MACHINES  
 CORPORATION;  
 John E. Hoel, Registration No. 26,279  
 Christopher A. Hughes, Registration No. 26,914  
 Edward A. Pennington, Registration No. 32,588  
 Joseph C. Redmond, Jr., Registration No. 18,753  
 all of MORGAN & FINNEGAN, L.L.P.

Send Correspondence to: Todd M. C. Li  
 IBM Corporation - Zip 482  
 2070 Route 52  
 Hopewell Junction, NY 12533

Direct Telephone Calls to: (name and telephone number)  
 Todd M. C. Li, Reg. No. 45,554, (845)894-6919

Full name of sole or first inventor <b>Lars W. Liebmann</b>	Date <i>11-8-01</i>
Sole or first inventor's signature <i>Lars W. Liebmann</i>	
Residence <b>5 Cornwell Street, Poughquag, NY 12570</b>	
Citizenship <b>USA</b>	
Post Office Address <b>5 Cornwell Street, Poughquag, NY 12570</b>	

Full name of second inventor, if any <b>Carlos A. Fonseca</b>	Date <i>11/8/2001</i>
Second inventor's signature <i>Carlos A. Fonseca</i>	
Residence <b>3849 Amboy Rd. (E-1), Staten Island, NY 10308</b>	
Citizenship <b>USA</b>	
Post Office Address <b>3849 Amboy Rd. (E-1), Staten Island, NY 10308</b>	

Full name of third inventor, if any <b>Ioana Graur</b>	Third inventor's signature <i>Ioana Graur</i>	Date <b>11/09/01</b>
Residence <b>17 Merry Hill Rd., Poughkeepsie, NY 12603</b>		
Citizenship <b>USA</b>		
Post Office Address <b>17 Merry Hill Rd., Poughkeepsie, NY 12603</b>		

Full name of fourth inventor, if any <b>Mark A. Lavin</b>	Fourth inventor's signature	Date
Residence <b>20 Anne Chambers Lane, Katonah, NY 10536</b>		
Citizenship <b>USA</b>		
Post Office Address <b>20 Anne Chambers Lane, Katonah, NY 10536</b>		

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

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Prior Foreign Application(s)

Priority Not Claimed

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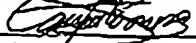
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 Todd M. C. Li, Reg. No. 45,554, (845)894-6919

TOTAL FEE PAID

Full name of sole or first inventor <b>Lars W. Liebmann</b>	Date <b>11-8-01</b>
Sole or first inventor's signature 	
Residence <b>5 Cornwell Street, Poughquag, NY 12570</b>	
Citizenship <b>USA</b>	
Post Office Address <b>5 Cornwell Street, Poughquag, NY 12570</b>	

Full name of second inventor, if any <b>Carlos A. Fonseca</b>	Date <b>11/8/2001</b>
Second inventor's signature 	
Residence <b>3849 Amboy Rd. (E-1), Staten Island, NY 10308</b>	
Citizenship <b>USA</b>	
Post Office Address <b>3849 Amboy Rd. (E-1), Staten Island, NY 10308</b>	

Full name of third inventor, if any <b>Ioana Graur</b>	
Third inventor's signature	Date
Residence <b>17 Merry Hill Rd., Poughkeepsie, NY 12603</b>	
Citizenship <b>USA</b>	
Post Office Address <b>17 Merry Hill Rd., Poughkeepsie, NY 12603</b>	

Full name of fourth inventor, if any <b>Mark A. Lavin</b>	
Fourth inventor's signature <i>Mark A. L.</i>	Date <i>8 NOV 2001</i>
Residence <b>20 Anne Chambers Lane, Katonah, NY 10536</b>	
Citizenship <b>USA</b>	
Post Office Address <b>20 Anne Chambers Lane, Katonah, NY 10536</b>	

TELETYPE COPIER REPORT

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	